

AMENDMENTS

In the Claims

The following is a marked-up version of the claims with the language that is underlined (“___”) being added and the language that contains strikethrough (“—”) being deleted:

Claims 1 – 81 (Canceled)

82. (New) In a television network, a terminal for displaying television program information and television programs, said terminal comprising:

a memory configured for storing a first data and a second data, said first data including respective program information for a plurality of corresponding television programs, said second data different than the first data, said second data comprising a channel table that includes a plurality of assigned categories to television channels; and

a processor, coupled to the memory, the processor configured for simultaneously searching at least a portion of the channel table for data related to at least one channel to which a category is assigned and causing the display of at least one television program.

83. (New) The terminal of claim 82, wherein the processor is further configured to cause display of program information corresponding to a first portion of the first data, said first portion of the first data corresponding to at least one television channel being determined by a corresponding assigned category in the second data.

84. (New) The terminal of claim 82, wherein the processor causes the display of said first portion of the first data in a browse banner according to a browse banner configuration, said browse banner including identification information of the at least one television channel and the program information corresponding to said first portion of the first data.

85. (New) The terminal of claim 84, wherein the processor causes the display of the browse banner on top of a portion of a first television program being displayed responsive to receiving an input signal corresponding to an initial activation of a browse command.

86. (New) The terminal of claim 84, wherein responsive to receiving an input signal corresponding to an initial activation of a browse command, the processor causes the display of the browse banner to replace a second portion of the first data being displayed, said second portion of the first data being displayed according to a display configuration different than the browse banner configuration.

87. (New) The terminal of claim 84, wherein the processor further causes the display of the corresponding assigned category to said at least one television channel in the browser banner.

88. (New) The terminal of claim 87, wherein the display of the corresponding assigned category in the browser banner is responsive to a user selection from one from a plurality of categories.

89. (New) The terminal of claim 88, wherein at least a portion of the plurality of categories are provided to a user with the displayed browser banner.

90. (New) The terminal of claim 84, wherein the displayed browse banner includes a graphical representation of navigation keys used on a user input device to browse the program information corresponding to the at least one television channel being determined by the corresponding assigned category in the second data.

91. (New) The terminal of claim 85, further comprising the processor blocking the tuning of television channels different than the at least one television channel being determined by the corresponding assigned category in the second data.

92. (New) The terminal of claim 82, wherein the processor restricts channel tuning to only the at least one channel being determined by a corresponding assigned category in the second data.

93. (New) The terminal of claim 92, wherein the at least one channel is a plurality of channels corresponding to the assigned category in the second data and the processor causes the channel tuning to only said plurality of based on an order of said plurality of channels determined by a user sorted listing of said pluralities of channels.

94. (New) The terminal of claim 82, wherein at least one television channel being determined by a corresponding assigned category in the second data has two assigned categories.

95. (New) In a television network, a terminal for displaying television program information and television programs, said terminal comprising:

an interface to the television network, said interface configured for receiving a first data and a second data, said first data including respective program information for a plurality of corresponding television programs, said second data comprising a channel table, the channel table including respective television channel identification for a plurality of television channels and respective associations of one or more categories to each television channel identification; and

a processor, configured for simultaneously searching at least a portion of the channel table for data related to at least one channel to which a category is assigned and displaying at least one television program.

96. (New) The terminal of claim 95, wherein the first category corresponds to local television channels.

97. (New) The terminal of claim 95, wherein the processor is further configured for causing the display of program information in the first data, said program information corresponding to television programs being provided by at least a portion of the plurality of television channels said at least portion of the plurality of television channels being determined by a corresponding association to a first category in the second data.

98. (New) In a television network, a terminal for displaying television program information and television programs, said terminal comprising:

a memory configured for storing respective program information for a plurality of corresponding television programs and a channel table that includes respective associations of one or more categories for a plurality of corresponding television channels; and

a processor, coupled to the memory, for causing the display of a browse banner on top of a portion of a first television program being displayed responsive to receiving an initial activation of a browse command, said browse banner comprising a first program information in the first data, said first program information corresponding to a second television program different than the first television program, wherein the processor causes the display of browse banner on top of the first television program without providing the second television program, the processor further configured for simultaneously searching at least a portion of the channel table for data related to at least one channel to which a category is assigned and causing display at least one television program.

99. (New) The terminal of claim 98, wherein at least one association of one category to a corresponding television channel corresponds to local television channels.

100. (New) In a television network, a terminal for displaying television program information and television programs, said terminal comprising:

a memory configured for storing respective program information for a plurality of corresponding television programs and a channel table that includes a bit field signifying a plurality of television channel categories, each television channel category being associated with a corresponding plurality of television channels; and

a processor coupled to the memory, said processor configured to:

receive a user-selected television channel category, and

responsive to the receiving the user-selected television channel category, search at least a portion of the channel table and provide program information exclusively for television programs corresponding to television channels associated with the user-selected television channel category,

wherein the processor is configured for simultaneously searching at least a portion of the channel table and causing the display of at least one television program.

101. (New) The terminal of claim 100, wherein a first television channel category corresponds to local television channels.

102. (New) In a television network, a terminal for displaying television program information and television programs, said terminal comprising:

an interface for receiving data from the television network, said interface being capable of receiving a first data and a second data, said first data including respective program information for a plurality of corresponding television programs, said second data comprising a channel table that includes a bit field signifying a plurality of categories, each category being associated with a corresponding plurality of television channels, said plurality of categories including a first category; and

processor configured to:

receive a first user input corresponding to the assignment of the first category to a first television channel,

responsive to the receiving the first user input, store the association of the first category and the first television channel in the memory,

receive a second user input corresponding to the first category , and

responsive to the receiving the second user input, simultaneously search at least a portion of the channel table and cause the display of at least one television program.

103. (New) The terminal of claim 102, wherein the first category corresponds to local television channels.

104. (New) In a television network, a terminal for displaying television program information and television programs, said terminal comprising:

a memory configured for storing respective program information for a plurality of corresponding television programs and a channel table that includes a bit field signifying a plurality of television channel categories, each television channel category being associated with a corresponding plurality of television channels; and

a processor, coupled to the memory, said processor configured to simultaneously search at least a portion of the channel table and cause display of at least one television program.

105. (New) The terminal of claim 104, wherein the television channel category corresponds to local television channels.